

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

20 APR 1987

Dr. James R. Campbell, Ph.D.
Program Manager, Previously
Operated Properties
Keystone Environmental Resources, Inc.
436 Seventh Ave., Suite 1940
Pittsburgh, PA 15219

Re: South Cavalcade site

Dear Dr. Campbell:

We have reviewed the well specifications and the materials you sent concerning the groundwater levels. We also examined the field log for soil boring A14SB04. We concur with your proposal to install the deep monitoring well (200 ft. range) in close proximity to A14SB04. In regard to the well specifications, it is our understanding that steel casing will be used. We suggest that the first casing go at least 10 feet into the zone described in the field log for A14SB04 as clay with silt partioning starting at approximately 65 ft. The exact depth of the first casing will be determined in the field. Well development should proceed to a sediment free condition, as much as possible, and we suggest a criterion of 0.025 ml/l or approximately 50 ppm by weight of settleable solids (assuming 2.0 specific gravity of solids). This comes from the criteria established by the Department of Interior's Groundwater Manual for sprinkler irrigation water.

Considering that specific PAHs in the groundwater in the 200 ft. range will be analyzed at ppt, it is advisable to analyze the packing sand for those PAHs and take whatever other measures you can think of to minimize the uncertainty associated with possible analytical interferences and/or artifacts.

Should you have any questions, please contact me at (214) 655-6735.

Sincerely yours,

Mark W. Potts
Remedial Project Manager

cc: D. Sorrels, TWC
R. Petrus, CDM

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